

From owner-qrp-1@Lehigh.EDU Sat May 25 22:32:32 1996
From: bmitchel@kodak.com (Brad Mitchell)
Subject: [8998] 49er buzzer sidetone..
Message-ID: <9605251352.AA24664@iiatasun.cba.Kodak.COM>

Ok, well, here is a mod to that last message .. nothing like doing this on the fly :-).. add a 22k resistor in series with the buzzer as specified.. the RS 273-074. + terminal to vcc, minus to key jack through a 22k resistor.. sounds great !
have fun.
73 Brad WB8YGG

From owner-qrp-1@Lehigh.EDU Sat May 25 22:32:32 1996
From: bmitchel@kodak.com (Brad Mitchell)
Subject: [8997] 49er sidetone
Message-ID: <9605251349.AA24655@iiatasun.cba.Kodak.COM>

Well, I added a sidetone. I had a Radio Shack 273-074 "buzzer" laying around, and it works fine. I hooked up the + terminal to vcc, and the minus to key input and it works. Now I have a side tone, shrill as it may be. Now if there was just a neat little buzzer that was small and not so shrill that I could use.

73 Brad WB8YGG

From owner-qrp-1@Lehigh.EDU Sat May 25 22:32:32 1996
From: bmitchel@kodak.com (Brad Mitchell)
Subject: [8999] 49er sidetone.
Message-ID: <9605251426.AA24775@iiatasun.cba.Kodak.COM>

Well, the little piezo buzzer is still a little high in tone. Maybe there is another one that does 700 Hz that could be used. But this works, jsut a little high in tone, and not through the phones if you are using them.
Anyway, I think I'm talking to myself with this this morning.
73 Brad WB8YGG

From owner-qrp-1@Lehigh.EDU Sat May 25 22:32:32 1996
From: GREGOIRE@ENDOR.COM (ERNEST GREGOIRE)
Subject: [9002] ARG0 556, I let the smoke out of a 20, plug in.
Message-ID: <199605252037.QAA50340@nss2.CC.Lehigh.EDU>

Hello Gang,

I'm not exactly sure how I managed to do it, but I let the smoke out of a 20 meter plug in module that is used for changing bands.

I was doing a side by side with the QRP++ and had both rigs on the same battery. I turned on the 556 and no more display. I added a second battery and brought up the voltage, and it turned on but now the offset is 300 Hz instead of 700 Hz. It also has that tell tale "Odour de charcoal".

So I'm out of business on 20 meters with that rig anyway.

>From now on I'll monitor the voltage when ever I use the battery. It's in a Jade controller anyway and should have been hooked up to a solar collector, but it wasn't.

So a lesson for Field Day is learned, 1 leave the panel hooked up and charging, 2 monitor the voltage at all times.

de AA1IK N.E.-QRP-C. # 202 (Lead by example, It is better to)
 QRP-L member #95. (pull a string than it is to push it.)

Ernie Gregoire
RR 1 Box 221
Canaan, NH. 03741

New England QRP Club, information
available on request by sending me a
S.A.S.E. or via E-mail.

e-mail : GREGOIRE@ENDOR.COM
packet : AA1IK@WA1WOK.FN43FE.NH.USA

From owner-qrp-l@Lehigh.EDU Sat May 25 22:32:32 1996
From: tdrumm@sparc.isl.net (Tony Drumm)
Subject: [9005] Cascade questions
Message-ID: <199605252108.QAA04492@sparc.isl.net>

I've started into the Cascade kit. I completed section 1 OK. Section 2, the BFO, has some manual anomalies. First, R59 does not appear in the errata parts list. It is on the original and schematic as 10K. The errata list shows quantity 6 10K resistors but lists only 5. My kit only came with

5. (Same for the 4.7Kohm resistors - the quantity shown is 8 but there are only 7 resistors listed and the kit has 7.)

What do I do? I have spare resistors in my parts box but I don't want to solder in a resistor if it's supposed to be a jumper or whatever. Also, Y1, the BFO xtal, has an extra lead soldered to the can. Looks like it should go to the nearby hole connected to ground but the manual does not mention it and there is no indication of this on the schematic.

Thanks! and 72.

Tony Drumm

Rochester, MN

internet: tdrumm@isl.net

Packet: aa0sm@wd0gnk.#semn.mn.usa.na

From owner-qrp-1@Lehigh.EDU Sat May 25 22:32:32 1996

From: NYOUNG@nova.wright.edu

Subject: [9003] Cornplaints, big files & rasps, and unexpected visitors

Message-ID: <01I54NUA6AXM8X688V@nova.wright.edu>

I had a grand time at Dayton this year. I say that because I didn't have to rent a room or buy a rain coat or even put on an extra sweater. Staying up with the loonies until about 2 a.m. certainly does something to make the Hamvention seem more like it used to.

I've read the comments about the hotel and all and must admit that I was a little taken aback by the way things went this year. Myron and Pete somehow managed to maintain their sanity much better than I did when I was the convention organizing guy for the American Amateur Press Assoc here at Dayton some years ago. And, by the way, we never got a bid from the Days Inn South. We got one from the airport hotel (which was pretty nice but pricey) and one from the Days Inn in downtown Dayton. We settled on a place up by the junction of I75 and I70 and it went off ok. But I have told my family that I will never organize and set up a convention again. Too much hassle.

Some of the horror stories that I've read here (and heard elsewhere during the HV) make it sound like we're gonna have to face the simple facts of entropy somewhere along the line. But it's important that we remember that the folks who arrange the block rooms and figure out how to seat and feed the banqueteers suffer much more than those who have complaints. I could almost hear Pete wince every time a salad bowl was slung so gently onto a table or every time some one at the far end of the room asked if they might, just please, have some of that water that everyone else seemed to be

getting first. Setting up a banquet is kinda like the Dayton HV weather prognosis: in the end, it's in the hands of the Fates and there's not a single, earthly thing that any mere mortal can do about it.

Which brings up my agreement with an almost missed comment that someone made, suggesting that we contact the home office of the great poobah high commando guy at the top of the Days Inn management empire (the word "hegemony" also crossed my mind... but that's another story). If the hotel is shabby and the service is, for want of a better term, decidedly "soviet," the head heads should know. AND it shouldn't be that difficult to find 'em either.

But enough of that.

I got up this morning with the intention of going out to the radio shack and checking on what might be happening. See if 30 meters is open... which it is, as Chuck might say. So I unlock the door to the outhouse and swing it open. There on the floor in front of me was an animal.

Now check this out: I see an animal. It is a white animal. It is baring its teeth. It takes me about 5 seconds to run through my archetype list of white animals with teeth, then another few seconds to decide whether or not the white animal now identified as non-feral is a danger to me. Then I see the kittens.

I'd already turned the door back far enough to post it open with a stick. I went into the house, got the youngest boy into shorts and slippers and together we both went out to face the non-feral white mother cat with teeth who was trying desperately to hide her newborn from the big humans. We figured, based on the condition of the scraps of paper around the cat, that she'd given birth sometime within the last 24 hours. While the little guy worried about her, I got a paper box, threw in some nice bond (11x17, cambric) and cleaned out a place by the door to put the box. We got the kittens moved, got the mother some food and water and then closed the door and went away. As of 4 p.m. today, she was still there. Listening to Radio Habana Cuba. Transmitiendo desde Cuba, territorio libre en America...

So I went back into the house and got ready to fix my morning quad espresso. There was water on the counter. Blue water. Blue like the color of that stuff that people put in their toilets. Like is in the toilet upstairs. Right above the microwave. Next to the coffee machine.

So now I have four marxist kittens in my radio shack outhouse, my in-house outhouse needs a new toilet and seal and I get to wear the company beeper all weekend. I'm beginning to look an awful lot like Ren Hoek just before he finally pries the "happy-happy-joy-joy helmet" off his head.

Maybe I should help organize a convention. Of marxist cat fancier plumbers with cellular phones and pagers listening to speeches in Spanish. Veinticinco de Mayo. National day in Argentina, to boot.

73
Nils
WB8IJN +c

From owner-qrp-l@Lehigh.EDU Sat May 25 22:32:32 1996
From: jgann@mindspring.com (Alvin G. Gann)
Subject: [9006] elmer alert -- Eugene OR
Message-ID: <199605252118.RAA13475@borg.mindspring.com>

I just got and responded to a bulletin on the packet network from KC7IFB wanting information on QRP, clubs, rigs, books, etc. I told him how to join ARCI and NorCal and pointed him the recent QST review of rigs. If there is a QRP-L member near him, you might be able to help with a lot wider bandwidth than the packet net.

72 -- Jerry W1UI EM74ix 34 17' N 85 28' W QRP-PLUS random loop ant.
W1UI Tmps 1996 Qs=011 States=09 Confirmed=00 DX=01
LA PA NJ WI MN NC KY FL IN

W PY

From owner-qrp-l@Lehigh.EDU Sat May 25 22:32:32 1996
From: bmitchel@kodak.com (Brad Mitchell)
Subject: [9000] first 49er Q
Message-ID: <9605251812.AA25399@iiatasun.cba.Kodak.COM>

Well, after I got done playing with the sidetone, I put the rig on the air. I called cq with the ak-1 till it was blue in the face, and finally I got a call from n1pvp in carver, Mass. Not bad for the first qso at 2:00 EDT. Now on to other stuff.
:-).

73 Brad Wb8YGG

From owner-qrp-1@Lehigh.EDU Sat May 25 22:32:32 1996
From: Paul Stroud <aa4xx@nando.net>
Subject: [8996] Knightlite's Field Day
Message-ID: <31A708EF.5CA6@nando.net>

Hi Gang,

The Knightlites will be operating FD this year from the beautiful Shining Rock Wilderness area, which is part of the Pisgah National Forest, in the Blue Ridge Mountains of North Carolina. All QRP'ers within driving distance of the site are invited to join us. At this time, operators from four states (SC, NC, VA, MD) are planning on participating. For more info, please refer to the following homepage address: <http://www.webbuild.com/~aa4xx/fd.htm>

72,
Paul Stroud, AA4XX

From owner-qrp-1@Lehigh.EDU Sat May 25 22:32:32 1996
From: WD6BOR@aol.com
Subject: [8994] Livermore swap/Norcal meeting
Message-ID: <960525031733_120614801@emout09.mail.aol.com>

I'm planning on being at the Livermore swap at Los Positas College next Sunday before the Norcal meeting. I'll have all the left over crystals, a bunch of air variable capacitors and a lot of other stuff from the estate of Frank Jones, W6AJF. If you're at the swap stop by the table and identify yourself as a Norcal member and I'll see what I can send you home with.

72 es 73,

Darrel, WD6BOR

From owner-qrp-1@Lehigh.EDU Sat May 25 22:32:32 1996
From: Rick Zabrodski <zabrodsk@med.ucalgary.ca>
Subject: [9010] Note to Scorpions
Message-ID: <Pine.SUN.3.93.960525190931.8811A-100000@ume>

Just had a chat with Floyd, NT7X who is passing thru Calgary. He says "hello"

to his Scorpion buddies. I will talk to him tomorrow am on 2 meters...any messages?

Dr. Rick Zabrodski BSc, MD, CCFP(E) MRO * VE6GK
Clinical Assistant Professor * NorCal 519 ARCI 7650 GQRP 8329
Faculty of Medicine, Univ. of Calgary * "Power is no substitute for skill"

From owner-qrp-1@Lehigh.EDU Sat May 25 22:32:32 1996
From: M Faulkner <mike@g0ifk.u-net.com>
Subject: [9007] qsl info
Message-ID: <1.5.4.32.19960525230650.0066b9ac@mail.u-net.com>

Hi guys

I know this is probably the wrong place to post this message, but has anyone got the qsl info for HH2PK.

The Buckmaster CD address does not seem to be complete. It's a new country for me so would be grateful.

Cheers
Best wishes.

Mike

mike@g0ifk.u-net.com

From owner-qrp-1@Lehigh.EDU Sat May 25 22:32:32 1996
From: WD6BOR@aol.com
Subject: [8993] Radio Shack DSP available
Message-ID: <960525031727_120614787@emout18.mail.aol.com>

I just found two of the Radio Shack digital signal processors over in Santa Rosa and picked up one for myself and one to bring to the Norcal meeting next weekend, June 2, in Livermore. If anyone is looking for one of these and will be at the meeting, let me know as I've found two more at another local store. The cost is just under \$40 with tax. Reply directly to me and I'll pick them up and bring them to the meeting. Please don't say you'll be there and not show though because I don't need three or four for myself.

72 es see u there.

Darrel, WD6BOR

From owner-qrp-1@Lehigh.EDU Sat May 25 22:32:32 1996
From: daxe@satscan.com (Dave Axe)
Subject: [9004] Radio Shack DSP Mods
Message-ID: <199605252112.0AA07766@satscan.com>

WB1EDI wrote:

> has anyone looked into new code to improve the rs dsp?
> that might be a good project for a software guru.
> they are cheap now, i just found one locally for 35 bucks.
> ill get it at lunch time.
> 73
> barry
> wb1edi
>
>

I don't have one of these (yet), but I had one in my hand today at a RS store. I wanted to take a look at the schematic to see if it used a DSP chip set that was even capable of being re-programmed.

As those of you that have one already know, and as I found out today, there is no schematic sold with the unit. After some phoning and faxing by the store, I did get a copy of the parts list - but still no schematic.

Of the IC's on the parts list, I could identify all but the "KIA7039P PCM CODEC" and the "TCR1007 D16041FN UP." I assume the "UP" on the RS parts list means "microprocessor." There is a TCM129C16N PCM CODEC also listed, but that is a part TI, and perhaps others, make. So I have a data sheet on it.

But those other two are a mystery. Analog Devices makes (or made) a 1008 and 1009, and TRW makes (or made) a 1009, but I can't find anything on any 1007. Anyone out there with some info on these two chips used in the RS DSP unit?

BTW, I don't have any tie-in to RS and am not a "software guru," but I do write a little code from time to time and I work with some other guys that do it all the time...

72 de dave, w7agj

Dave Axe, Satscan Corporation / Cascade Technology
PO Box 1109, Sultan WA 98294-1109 (360)-793-3433 FAX: 793-0359

From owner-qrp-1@Lehigh.EDU Sat May 25 22:32:32 1996
From: Mike Czuhajewski <wa8mcq@u1.abs.net>
Subject: [9001] Rotary step attenuators for sale
Message-ID: <Pine.BSI.3.93.960525162558.11215A-100000@u1.abs.net>

Homebrewers and milliwatters always need step attenuators, and here's your chance to get your first one...or add one to your collection if you're like me--I'm like Imelda Marcos and her shoes when it comes to step attenuators!

I have some brand new 50 ohm rotary step attenuators for sale, which I removed from the manufacturers shrink wrap myself. Warning: these use SMA connectors, which can be a drawback for some people. These are Telonic/Berkeley model 8122S-130, 0 to 10 dB in 1 dB steps; it's a currently available model in their catalog. (These are date coded 1992.) The rating is 0 to 2 GHz, though the HP3753C network analyzer at work said that the one I tested to 3 GHz was perfectly usable to that frequency. In fact, that one actually looked a little better at 3 GHz than at 2 GHz!

Power rating, surprisingly, is 3 watts. Size is pretty small, though--diameter is 1.3", and the length (including the knob) is 3.05" (that includes the screw heads sticking out the rear end). If you mount one on a panel, it will stick out 2.27" behind the panel.

Price is \$30 (US dollars) plus shipping; insured priority mail should cost under \$4. Remember, these use SMA connectors; before I ship one, you will have to provide me with an acknowledgment that you know they use SMAs :-). No refunds will be given because you don't have anything to connect to them! Connectors or adapters are your responsibility.

If you wish, I will also provide you with calibration info for insertion loss (0 dB position) as well as actual attenuation for each position, at 4 different frequencies over the specified range; unless otherwise requested, I'll check them at 30 MHz, 500 MHz, 1 GHz and 2 GHz. (The network analyzer has 4 markers.)

BTW, I do not run a business of any sort; I just happened to stumble across these at a local, well hidden surplus business that isn't open to the general public, and bought all they had--I'm a sucker for attenuators, especially nice, shiny ones like these! I'll probably keep two for myself, and seven others are already spoken for, leaving these 5 up for grabs. (And yes, my wife had a fit when she heard the

size of the check I wrote!)

If interested, let me know by e-mail.

73 and Queue Our Pea DE WA8MCQ wa8mcq@abs.net

From owner-qrp-1@Lehigh.EDU Sat May 25 22:32:32 1996
From: JCoote@aol.com
Subject: [9012] SABER Radio... help!!
Message-ID: <960525215237_400939716@emout15.mail.aol.com>

I have some SABER-1 (Motorola) portables that I would like to modify for 144-148 Mhz Amateur use.

The radios are the 148-175 MHz model, and they will only accept programming down to 147.000 Mhz. Below that, nothing.

I have the software and have tried using the 136-150 MHz "personality" to program these Sabers below 147 Mhz, but the same problem.

Does anyone know of any trick software or mods that will enable me to get these radios working below that 147 MHz cutoff?

(QRP-L Disclaimer- the radios will be used at under 5 watts)

Thanks,

Jay WB6AAM

From owner-qrp-1@Lehigh.EDU Sat May 25 22:32:32 1996
From: Jeffrey Hetherington <jhetheri@freenet.npiec.on.ca>
Subject: [8991] ShortHand CW
Message-ID: <Pine.SGI.3.91.960525004634.18648A-1000000@freenet.npiec.on.ca>

Hi all. I am attempting to make my first serious attempt at a CW contest this weekend with the WPX. My problem (other than the fast code) is the use of shorthand #s. While I see 5nn=599, others are confusing, and

annoying to the other ops when I ask for repeats.

The one I'm stuck on is the a. As in nr 2a6

Thanx for any and all help.

Jeff

=====
L. Jeffrey Hetherington - VA3JFF
Niagara Falls, Ontario, Canada
VA3JFF Tmps 1996 Qs=015 States=13 Confirmed=01 DX=01
CO CA NY IN SD WI TN GA IL TX DC OH NC (OZ7)

From owner-qrp-1@Lehigh.EDU Sat May 25 22:32:32 1996
From: robert fowle <hammarlund@voyager.net>
Subject: [8992] want manual for Yaesu 101-ZD
Message-ID: <199605250409.AAA00964@vixa.voyager.net>

need manual for yaesu 101ZD.
if you can help, please e-mail me.
thanks

=====-[->
Robert Fowle KC8DBC
The HAMMARLUND Historian
Ph. voice or fax 517-789-6721
1215 Winifred
Jackson, Mich. 49202-1946
E-mail at: hammarlund@vixa.voyager.net
HAMMARLUND LITERATURE WANTED
WANTED: MANUALS FOR ANY MAKE RADIO EQUIPMENT
=====-[->

From owner-qrp-1@Lehigh.EDU Sat May 25 22:32:32 1996
From: WD6BOR@aol.com
Subject: [8995] Re: Confused about current flow
Message-ID: <960525034847_542280356@emout16.mail.aol.com>

Because when Ben Franklin invented electricity he had to guess which way it flowed. He flipped a coin. He guessed wrong. "Conventional" current flow has been opposite electron flow ever since. Some reference books will use electron flow, some conventional current flow. Amazingly, the stuff still works.

Good luck helping with your child's homework. My kids passed me up in the

sixth grade.

72 es 73,

Darrel, WD6BOR

From owner-qrp-1@Lehigh.EDU Sat May 25 22:32:32 1996
From: wwm@wa8tzg.mi.org (Bill Meahan)
Subject: [9011] Re: Livermore swap/Norcal meeting
Message-ID: <31a7a7c8.wa8tzg@wa8tzg.mi.org>

WD6BOR writes

>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: Livermore swap/Norcal meeting
>X-Listprocessor-Version: 7.2 -- ListProcessor by CREN
>
>I'm planning on being at the Livermore swap at Los Positas College next
>Sunday before the Norcal meeting.
snip

Golly gosh! I'm actually going to be in the Bay Area next weekend as part of a business trip (anyone else attending RUG 96?) so could someone please provide me with info on both the swap and the Norcal meeting? It would be a thrill to actually attend a meeting given that I live 2500 miles away ;-)

tnx es 72!

--

Bill Meahan WA8TZG wmeahan@wa8tzg.mi.org
Member of: ARRL, IMRA, NorCal QRP (#407), G-QRP (#8468), MI-QRP (#M1458)
Hey, this is my OWN computer! I can say what I want!
cat: a purr bearing mammal

From owner-qrp-1@Lehigh.EDU Sat May 25 22:32:32 1996
From: George Dorner <gdorner@kiwi.pyrotechnics.com>
Subject: [9009] Re: MFJ 941
Message-ID: <Pine.LNX.3.91.960525185947.32116A-100000@kiwi.pyrotechnics.com>

The MFJ-941 tuner has served me well, both at QRP and higher levels. I have modified mine a bit for use on 160 and have thought about modifying the rf pickup to make it a better unit on QRP, but that (also) is caught somewhere in the queue of unattacked projects.

I think the meter is just two-in-one. The circuit is not a "differential" measuring scheme.

geo/w9zsj

From owner-qrp-1@Lehigh.EDU Sat May 25 22:32:32 1996
From: davander@niiia.net
Subject: [9008] Re: ShortHand CW
Message-ID: <199605252338.SAA24577@silver.niiia.net>

howdy...

2A6 signal report...the "A" is a number 1. You're right, it's just shorthand. In the days of the hand key, a dot/loooong dash meant "one"...but with electronic keyers/keyboards, no way to send the dash for very long. Good luck in the contest.

Dan Vanderplough
NA9N, LAPORTE COUNTY INDIANA

From owner-qrp-1@Lehigh.EDU Sat May 25 22:32:32 1996
From: herr@ridgecrest.ca.us (Michael Herr)
Subject: [8990] Re>Strange Occurrence
Message-ID: <v01530502adccf23b42f2@[199.120.150.50]>

>Hello.

>I have a question. Today I was on the air using my dipole, and I heard a
>tic-tic-tic sound in my MFJ 948 antenna tuner, so I popped off the cover to
>see what was happening. I found there was a spark jumping from the center
>shaft of the antenna selector rotary switch to the contact at the bottom of
>the circle. It was every .75 seconds or so--it sounded just like the
>electric fence used to sound on the farm in Iowa. Anyway, I cut the power to
>everything and it was still happening. So I detached the xcvr--no change;
>detached the dipole--no change; and then unplugged the 12V dc lamp power--no
>change. Finally I unscrewed the vertical antenna's pl-259 and I got a heart
>stopping shock! Of course, then it started sparking from the center
>conductor to the collar until I attached the center pin to a ground wire I
>had handy. There was a storm brewing and it was starting to rain. Anybody
>that can explain this? I just tossed the cable out the window because I
>didn't know what else to do. What happened?

>Please email me directly, because I don't download the list anymore. (It

>costs too much in Japan!)

>Jonathan

>7j1aw1/kc7fys

Jonathan,

I've had the same thing happen many times here in the desert. The static electric field is simply getting high and your antenna is a nice collector of all those electrons seeking to go home to the ground. I have seen it when there is an approaching storm but here it is more likely when it's dry(10%RH), the wind is blowing and it's dusty. The sky otherwise is clear. I can pull off some good size sparks in the tuner. The best way is to leave the antenna's grounded when not in use.

At work we handle, from time to time, pyrotechnics. We continuously monitor the static field. Our shut down is at 3000 volts per meter intensity. So just think what your verticle potential might have been!

72

Mike WA6ARA

ps - yes I did send it to him direct, just thought others on the list might be interested!